# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE REQUEST FOR FILING NATIONAL PATENT APPLICATION

Under 35 USC 111(a) and Rule 53(b)

Hon. Commissioner of Patents Washington, D.C. 20231

jc803 U.S. PTO

Sir:

WITH SIGNED DECLARATION

PATENT APPLICATION



NONPROVISIONAL NON REISSUE NON PCT NAT PHASE

ISIONAL ISSUE AT PHASE 00909

Herewith is the <u>PATENT</u> Inventor(s): KAKIHARA,							
Title CHARGING DEV	CE						
		Atty. Dkt.:	P 279165	TYF-9951			
		•	M#	Client Ref			
including: Date: March 28, 2001							
3. Declaration Or  4. Drawings:  5. See top first page complete item 6 This application claims by this reference:  7. See the attached I	No. / filed No. / filed No. / filed No. / filed Preliminary Amendment, which amend	Abstract 1	al of size:   X" box only if info  SN  of which are incorp				
hy Assignment	rooordod	Dool		Frama			
by Assignment	recorded claimed under 35 USC 119(a)-(d)/365	Reel		Frame			
11.	siamica anaci oo ooo i ro(a) (a),ooo	(b) baoca on ming in	(coun	try)			
Application No.	Filing Date	Application No.		Filing Date			
(1) 10-288301	October 9, 1998	(2) 10-288302		tober 9, 1998			
(3) 10-294307	October 15, 1998	(4) 10-339216	Nov	vember 30, 1998			
(5) 10-339217	November 30, 1998	(6) 10-339218	Nov	November 30, 1998			
(7) 10-339219	November 30, 1998	(8) 10-339220	No	vember 30, 1998			
(9) 11-168340	June 15, 1999	See 3 <sup>rd</sup> pa	See 3rd page for additional priorties				
12. (No.) Ce	rtified copy (copies):   attached;	previously file	d (date)				
in U.S. A	pplication No/	filed on					
13. Small entity status	s ∅ ⊠ is <u>not</u> claimed;	is claimed (Pre-	filing confirmation	required)			
13(a).  Attached:	(No.) Small Entity Stateme	nt(s) (since 9/8/00 small	entity statement(s	s) <u>not essential</u> to make claim)			
13(b). See NONPUB	<b>LICATION REQUEST</b> under Rule 21	3(a) attached (Pat-258)					

14. <u>DOMESTIC/INTERNATIONAL</u> priority is claimed under 35 USC 119(e)/120/365(c) based on the following provisional, nonprovisional and/or PCT international application(s):

Application No.	Filing Date	Application No.	Filing Date
(1) PCT/JP99/05580	October 8, 1999	(4)	
(2)		(5)	
(3)		(6)	

<ul> <li>15. ☐ This application is being filed under Rule 53(b)(2) since an inventor is named in the enclosed Declaration who was not named in the prior application.</li> <li>16. ☒ Attached: Written Opinion and Form PTO-1449 listing the enclosed documents</li> </ul>
17. Preliminary Amendment:  Note: The PCT Publication was not in English  The

### THE FOLLOWING FILING FEE IS BASED ON CLAIMS AS FILED LESS ANY ABOVE CANCELLED

a de la companya de l					_	
7 - 10-0 1				Large/Small Entity		Fee
20 miles 2						Code
16 Basic Filing Fee			\$710/\$355	\$710	101/201	
19 Total Effective Claims	39	minus 20 =	*19	x \$18/\$9 =	+ 342	103/203
20 Independent Claims	9	minus 3 =	*6	x \$80/\$40 =	+ 480	102/202
*If answer is zero or less, enter "0"						
21. If any proper multiple dependent claim (ignore improper) is present, add			+ \$270/\$135	+ 270	104/204	
(Leave this line blank if this	is a reissue a	application)				ļ
2Z. TOTAL FILIN				ING FEE ENCLOSED =	\$1802	i
23 £"non-English" box 2 is X'd, add Rule 17(k) processing fee			+ \$130	+0	139	
24 If "assignment" box 8 is X'd, add recording fee			+ \$40	+ 40	581	
25 Attached is a Petition/Fee under Rule No.			+ \$130	+0	122	
TOTAL FEE ENCLOSED =					\$1842	

Our Deposit Account No. 03-3975
Our Order No. 41194 279165
C# M# 00909

CHARGE STATEMENT: The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any missing or insufficient fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (missing or insufficient fee only) now or hereafter relative to this application and the resulting Official document under Rule 20, or credit any overpayment, to our Account/Order Nos. shown above for which purpose a duplicate copy of this sheet is attached.

This CHARGE STATEMENT does not authorize charge of the issue fee until/unless an issue fee transmittal form is filed.

Pillsbury Winthrop LLP

Intellectual Property Group

By Atty: G. Lloyd Knight Reg. No. 17698

Sig: Fax: (202) 822-0944

Atty/Sec: GLK/mhn
NOTE: File in duplicate with 2 post card receipts (PAT-103) & attachments

Tel: (202) 861-3090

#### WRITTEN OPINION

V.

## 2. Documents and explanation

The invention described in claims 1 to 32 is not described in any of the documents quoted in International Research Reports nor in JP, 2-298813, A (Mitsubishi Electric Corp.) 11 December, 1990 (11.12.90) (no family), in addition, it is not evident to one skilled in the art.

#### VIII. WRITTEN OPINION

The opinion concerning the clarity of the claims, specification and drawings or concerning the adequacy of the evidence in the specification supporting the claims is as follows.

Claims 23 to 25, 28 and 31 of the original Japanese application contain the phrase "its own", however, the specific structure described by this is unclear.

Claim 25 of the original Japanese application contains a grammatical error in Japanese. This causes the interpretation of the claim to be unclear.

Claim 26 of the original Japanese application contains a spelling error in Japanese. This causes the interpretation of the claim to be unclear.

Claim 31 of the original Japanese application contains a spelling

error in Japanese. This causes the interpretation of the claim to be unclear.

Claim 31 of the original Japanese application contains the phrase "what is actually only one passage in the vicinity of", however, the specific structure described by this is unclear.